

Table S1- List of used primers in real-time PCR

Gene ID	Name	Primer (5'-3')	Product size (bp)
<i>Solyc06g005060</i>	<i>EF-1-α</i>	Forward: CGTGGTTATGTTGCTCAAA Reverse: ACAGCAATGTGGGAAGTGTG	146
<i>Solyc12g099000</i>	<i>SAMS</i>	Forward: CATGTTTGGCTATGCCACTG Reverse: GCCAAGAGCAAGTCCATTC	116
<i>Solyc01g101060</i>	<i>SAMS</i>	Forward: TGACAACGGTGCTATGGTTC Reverse: CTTGATGACACGCTCTTTGTG	115
<i>Solyc09g008280</i>	<i>SAMS</i>	Forward: AGATCACAACCAAGGCCAAG Reverse: AGGTGAAGTGAAGCCAATGC	77
<i>Solyc10g083970</i>	<i>SAMS</i>	Forward: CATGTTTGGCTATGCCACTG Reverse: GCCAAGAGCAAGTCCATTC	116

Table S2- Putative miRNAs targeted the transcripts of SAMS genes at expectation level < 4.00

miRNA ID	Target ID	miRNA sequence (3-5)	Target position	Expectation	Inhibition
ath-miR843	AT1G02500	AGGUUACUUCGAGCUGGAUUU	1333-1353	3.0	cleavage
ath-miR5021	AT2G36880	AAAAGAAGAAGAAGAAGAGU	1556-1575	3.5	cleavage
hvu-miR6197	HORVU6Hr1G063490	GCAGAAUGUAAAUCUUGUCU	837-857	2.5	cleavage
osa-miR1858	LOC_Os01g22010	CGGGGUGAGGCAGGAGGAGAG	567-587	3.0	cleavage
osa-miR1858	LOC_Os05g04510	CGGGGUGAGGCAGGAGGAGAG	570-590	3.0	cleavage
osa-miR2055	LOC_Os01g22010	CUUUGGUGGAAGGGUCCUUU	1296-1316	3.5	cleavage
osa-miR5528	LOC_Os01g18860	CCGUUGUAGAUUUUGGCAGAA	1330-1350	2.5	cleavage
osa-miR2874	LOC_Os05g04510	CUGUGACAAACUGUGACAAGU GUA	1758-1781	3.5	cleavage
mtr-miR2119	Medtr1g063060	GAUGAGGUGUGGAGGAAACU	11-31	3.5	cleavage
gma-miR2606	Glyma.07G233800	AUGGCAAGGAAUUCACGAAAA	111-131	3.5	cleavage
gma-miR9726	Glyma.03G223000	CUUCUUUUUUUAAUACGGUA U	1195-1216	3.0	cleavage
gma-miR1529	Glyma.19G220200	AUUGC UAAUUAACAAAGGAA AUU	1801-1823	2.5	cleavage
gma-miR9726	Glyma.19G220200	CUUCUUUUUUUAAUACGGUA U	1173-1194	3.0	cleavage
gma-miR9723	Glyma.19G220200	CUCAACAGGUUUAGAGGAAAC	1246-1266	3.5	cleavage
gma-miR9748	Glyma.15G190500	CAGUAGGGAGAUGUGAAGGA AG	1503-1524	3.5	cleavage